

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040061.D
 Acq On : 01 Feb 2024 11:21
 Operator : JC/MD
 Sample : VX0201WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2024
 Supervised By : Semsettin Yesilyurt 02/02/2024

Quant Time: Feb 02 01:37:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	84860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66520	48.707	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.420%		
35) Dibromofluoromethane	5.385	113	49764	48.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.760%		
50) Toluene-d8	8.647	98	187344	48.707	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.420%		
62) 4-Bromofluorobenzene	11.079	95	76949	51.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17914	18.742	ug/l	97
3) Chloromethane	1.294	50	15469	17.065	ug/l	94
4) Vinyl Chloride	1.374	62	15416	18.389	ug/l	98
5) Bromomethane	1.605	94	10857	13.322	ug/l	98
6) Chloroethane	1.685	64	9708	17.541	ug/l #	85
7) Trichlorofluoromethane	1.886	101	22258	16.687	ug/l	95
8) Diethyl Ether	2.130	74	8679	18.405	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	20147	20.244	ug/l	96
10) Methyl Iodide	2.453	142	21620	20.408	ug/l	96
11) Tert butyl alcohol	2.953	59	23750	95.841	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	17835	18.686	ug/l	93
13) Acrolein	2.233	56	22776	95.930	ug/l	97
14) Allyl chloride	2.666	41	31338	18.215	ug/l	95
15) Acrylonitrile	3.062	53	61133	98.482	ug/l	99
16) Acetone	2.373	43	59957	93.697	ug/l	92
17) Carbon Disulfide	2.514	76	49714	17.815	ug/l	100
18) Methyl Acetate	2.703	43	33224	21.916	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63343	19.374	ug/l	99
20) Methylene Chloride	2.788	84	21430	18.845	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19947	18.977	ug/l	97
22) Diisopropyl ether	3.757	45	65803	19.745	ug/l	99
23) Vinyl Acetate	3.721	43	285631	95.770	ug/l	98
24) 1,1-Dichloroethane	3.611	63	37137	19.457	ug/l	99
25) 2-Butanone	4.550	43	84606	95.113	ug/l	99
26) 2,2-Dichloropropane	4.465	77	26524	17.810	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	22114	18.855	ug/l	97
28) Bromochloromethane	4.897	49	18533	20.823	ug/l	99
29) Tetrahydrofuran	5.001	42	54302	96.009	ug/l	96
30) Chloroform	5.092	83	38112	18.596	ug/l	97
31) Cyclohexane	5.464	56	31027	18.137	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	32639	18.557	ug/l	99
36) 1,1-Dichloropropene	5.696	75	28692	19.289	ug/l	98
37) Ethyl Acetate	4.708	43	31380	19.317	ug/l	98
38) Carbon Tetrachloride	5.678	117	26489	18.611	ug/l	97
39) Methylcyclohexane	7.379	83	33755	18.651	ug/l	96
40) Benzene	6.037	78	82318	19.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16987	20.619	ug/l	92
42) 1,2-Dichloroethane	6.086	62	32977	19.773	ug/l	99
43) Isopropyl Acetate	6.336	43	50371	19.662	ug/l	99
44) Trichloroethene	7.123	130	21365	18.739	ug/l	99
45) 1,2-Dichloropropane	7.433	63	21383	18.693	ug/l	94
46) Dibromomethane	7.580	93	16291	18.974	ug/l	96
47) Bromodichloromethane	7.818	83	29262	19.136	ug/l	97
48) Methyl methacrylate	7.696	41	24476	19.395	ug/l	92
49) 1,4-Dioxane	7.653	88	10550	384.711	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	171413	98.019	ug/l	99
52) Toluene	8.714	92	52600	19.479	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	28785	18.149	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	32108	18.972	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	21856	19.554	ug/l	99
56) Ethyl methacrylate	9.116	69	31668	19.402	ug/l	96
57) 1,3-Dichloropropane	9.305	76	35695	19.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	76097	92.713	ug/l	96
59) 2-Hexanone	9.427	43	136108	97.615	ug/l	100
60) Dibromochloromethane	9.518	129	20799	18.519	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23036	19.063	ug/l	99
64) Tetrachloroethene	9.275	164	16994	17.297	ug/l	96
65) Chlorobenzene	10.079	112	58735	18.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20574	19.520	ug/l	98
67) Ethyl Benzene	10.195	91	105197	18.786	ug/l	98
68) m/p-Xylenes	10.299	106	82013	38.930	ug/l	99
69) o-Xylene	10.640	106	39035	19.534	ug/l	98
70) Styrene	10.652	104	64640	19.192	ug/l	98
71) Bromoform	10.799	173	14356	17.761	ug/l #	94
73) Isopropylbenzene	10.963	105	104995	19.460	ug/l	98
74) N-amyl acetate	10.841	43	45049	18.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37762	18.615	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	30464m	19.039	ug/l	
77) Bromobenzene	11.195	156	24340	19.556	ug/l	99
78) n-propylbenzene	11.305	91	129019	19.432	ug/l	100
79) 2-Chlorotoluene	11.360	91	75818	18.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	89083	19.207	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8358	18.218	ug/l	98
82) 4-Chlorotoluene	11.451	91	87606	19.096	ug/l	98
83) tert-Butylbenzene	11.713	119	85027	19.158	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90177	19.484	ug/l	100
85) sec-Butylbenzene	11.890	105	113348	19.276	ug/l	100
86) p-Isopropyltoluene	12.006	119	91581	19.073	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47661	18.982	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	47935	18.650	ug/l	98
89) n-Butylbenzene	12.329	91	87250	18.721	ug/l	97
90) Hexachloroethane	12.536	117	13724	18.482	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	44855	18.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8330	18.115	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	29121	19.243	ug/l	98
94) Hexachlorobutadiene	13.725	225	10976	18.412	ug/l	96
95) Naphthalene	13.774	128	98150	19.095	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29390	19.642	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

